

FORM PTO-1390 (REV 5-93)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		David Michael	
INTERNATIONAL APPLICATION NO. PCT/US98/14895		INTERNATIONAL FILING DATE July 15, 1998	PRIORITY DATE CLAIMED July 15, 1997
TITLE OF INVENTION Improved Vanillin Production			
APPLICANT(S) FOR DO/EO/US David Michael & Cö., Inc.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) </p> <p>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11. to 16. below concern other document(s) or information included:			
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: Copy of Form PCT/IB/308 (July 1996)</p>			

410 Rec'd PCT/PTO 10 JAN 2000

U.S. APPLICATION NO./AS filed, see 37 C.F.R. 1.50 09/1462576		INTERNATIONAL APPLICATION NO. PCT/US98/14895	ATTORNEY'S DOCKET NUMBER David Michael																																																																				
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY																																																																					
<p>Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO.....</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482)</p> <p>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))..</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....</p>																																																																							
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 96.000																																																																							
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$1130.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Claims</th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>30 - 20 -</td> <td>10</td> <td>X 18 \$ 180.00</td> </tr> <tr> <td>Independent Claims</td> <td>5 - 3 -</td> <td>2</td> <td>X 78 \$ 156.00</td> </tr> <tr> <td>Multiple dependent claims(s) (if applicable)</td> <td></td> <td>+</td> <td>\$</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS</td> <td>= \$ 562.00</td> </tr> <tr> <td colspan="4"> <p>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). \$ 0</p> </td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL = \$ 562.00</td> </tr> <tr> <td colspan="4"> <p>Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ 0</p> </td> </tr> <tr> <td colspan="4" style="text-align: center;">TOTAL NATIONAL FEE = \$ 562.00</td> </tr> <tr> <td colspan="4"> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$</p> </td> </tr> <tr> <td colspan="4" style="text-align: center;">TOTAL FEES ENCLOSED = \$ 562.00</td> </tr> <tr> <td colspan="4" style="text-align: right;"> <p>Amount to be: refunded \$ charged \$</p> </td> </tr> <tr> <td colspan="4"> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 562.00 to cover the above fees is enclosed.</p> </td> </tr> <tr> <td colspan="4"> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> </td> </tr> <tr> <td colspan="4"> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.</p> </td> </tr> <tr> <td colspan="4"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> </td> </tr> <tr> <td colspan="2"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>REED, Janet E. DANN, DORFMAN, HERRELL, AND SKILLMAN 1601 Market Street Suite 720 Philadelphia, Pennsylvania 19103 United States of America</p> </td> <td colspan="2">  <p>SIGNATURE Janet E. Reed, Ph.D. NAME</p> <p>36,252 REGISTRATION NUMBER</p> </td> </tr> </tbody></table>				Claims	Number Filed	Number Extra	Rate	Total Claims	30 - 20 -	10	X 18 \$ 180.00	Independent Claims	5 - 3 -	2	X 78 \$ 156.00	Multiple dependent claims(s) (if applicable)		+	\$	TOTAL OF ABOVE CALCULATIONS			= \$ 562.00	<p>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). \$ 0</p>				SUBTOTAL = \$ 562.00				<p>Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ 0</p>				TOTAL NATIONAL FEE = \$ 562.00				<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$</p>				TOTAL FEES ENCLOSED = \$ 562.00				<p>Amount to be: refunded \$ charged \$</p>				<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 562.00 to cover the above fees is enclosed.</p>				<p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p>				<p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.</p>				<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>				<p>SEND ALL CORRESPONDENCE TO:</p> <p>REED, Janet E. DANN, DORFMAN, HERRELL, AND SKILLMAN 1601 Market Street Suite 720 Philadelphia, Pennsylvania 19103 United States of America</p>		 <p>SIGNATURE Janet E. Reed, Ph.D. NAME</p> <p>36,252 REGISTRATION NUMBER</p>	
Claims	Number Filed	Number Extra	Rate																																																																				
Total Claims	30 - 20 -	10	X 18 \$ 180.00																																																																				
Independent Claims	5 - 3 -	2	X 78 \$ 156.00																																																																				
Multiple dependent claims(s) (if applicable)		+	\$																																																																				
TOTAL OF ABOVE CALCULATIONS			= \$ 562.00																																																																				
<p>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). \$ 0</p>																																																																							
SUBTOTAL = \$ 562.00																																																																							
<p>Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ 0</p>																																																																							
TOTAL NATIONAL FEE = \$ 562.00																																																																							
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$</p>																																																																							
TOTAL FEES ENCLOSED = \$ 562.00																																																																							
<p>Amount to be: refunded \$ charged \$</p>																																																																							
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 562.00 to cover the above fees is enclosed.</p>																																																																							
<p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p>																																																																							
<p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.</p>																																																																							
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																																																																							
<p>SEND ALL CORRESPONDENCE TO:</p> <p>REED, Janet E. DANN, DORFMAN, HERRELL, AND SKILLMAN 1601 Market Street Suite 720 Philadelphia, Pennsylvania 19103 United States of America</p>		 <p>SIGNATURE Janet E. Reed, Ph.D. NAME</p> <p>36,252 REGISTRATION NUMBER</p>																																																																					

DANN, DORFMAN, HERRELL AND SKILLMAN
09/462576
A PROFESSIONAL CORPORATION

1601 MARKET STREET • SUITE 720 • PHILADELPHIA, PA • 19103-2307
PHONE (215) 563-4100 • FAX (215) 563-4044

COMMISSIONER OF PATENTS
AND TRADEMARKS
Washington, DC 20231

BOX PCT

Date of Mailing
January 10, 2000

Applicant's or Agent's File Reference
David Michael

IDENTIFICATION OF THE INTERNATIONAL APPLICATION

Int'l. Appln. No.
PCT/US98/14895

Int'l. Filing Date
15 July 1998

Applicant (name)
DAVID MICHAEL & CO., INC.

**TRANSMITTAL OF LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR §1.10

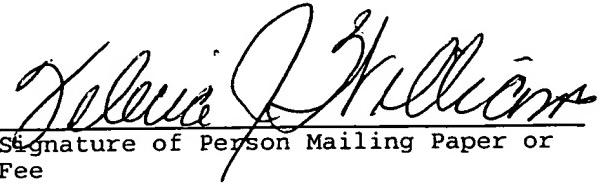
NO. OF EXPRESS MAIL LABEL

EL421455153US

DATE OF DEPOSIT WITH POSTAL SERVICE January 10, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Felecia J. Williams
Typed Name of Person Mailing Paper or Fee


Signature of Person Mailing Paper or Fee